

## Rabbit anti-Mouse LINGO4 Polyclonal Antibody | anti-LINGO4 antibody

LINGO4 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA289294 | Rabbit | Mouse      | Western Blot, Immunohistochemistry, ELISA |

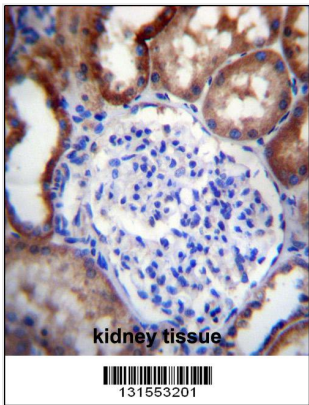
### PRODUCT SYNONYMS

LINGO4; Polyclonal Antibody; LINGO4 Antibody (C-term); Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 4; Leucine-rich repeat neuronal protein 6D; LRRN6D; anti-LINGO4 antibody

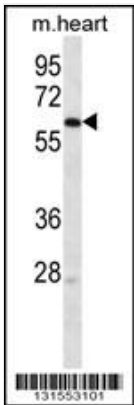
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Mouse                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This LINGO4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 543-571 amino acids from the C-terminal region of human LINGO4.     |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.45 (varies by lot)                                                                                                                                     |
| Sequence Positions                               | 543-571                                                                                                                                                                      |
| Sequence Length                                  | 593                                                                                                                                                                          |
| Applicable Applications for anti-LINGO4 antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                         |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
LINGO4 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LINGO4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
LINGO4 Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the LINGO4 antibody detected the LINGO4 protein (arrow).

ADDITIONAL INFORMATION

|                                                      |                                                        |
|------------------------------------------------------|--------------------------------------------------------|
| Related Product Information for anti-LINGO4 antibody | The exact function of LINGO4 remains unknown.          |
| Product Categories/Family for anti-LINGO4 antibody   | Neuroscience                                           |
| References                                           | Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 52138725                                                                                          |
| NCBI GeneID                      | 339398                                                                                            |
| NCBI Accession #                 | NP_001004432.1                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001004432.3                                                                                    |
| UniProt Accession #              | Q6UY18                                                                                            |
| Molecular Weight                 | 63774                                                                                             |
| NCBI Official Full Name          | leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 4 |
| NCBI Official Synonym Full Names | leucine rich repeat and Ig domain containing 4                                                    |
| NCBI Official Symbol             | LINGO4                                                                                            |
| NCBI Official Synonym Symbols    | LRRN6D; DAAT9248; PRO34002                                                                        |
| NCBI Protein Information         | leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 4 |
| UniProt Protein Name             | Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 4 |
| UniProt Gene Name                | LINGO4                                                                                            |
| UniProt Synonym Gene Names       | LRRN6D                                                                                            |
| UniProt Entry Name               | LIGO4_HUMAN                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

